

emy of Science and of the Pacific Geographic Society, and belonged to the San Diego Historical Society and the San Diego Museum Association.

Dr. Fred's first contribution to the NAUTILUS was in 1902, an article on a collection at San Martin in Lower California, where he and his family took a summer cruise and holiday. Since then he has contributed several times, and beginning in 1926 was called to the pleasant task of abstracting each number for *Biological Abstracts*. He was particularly proud that he did not miss a number, even during a period of near blindness prior to a successful operation for cataract.

It has been said that Dr. Fred was a pioneer. This is true, but it is not as a pioneer that he will be remembered. Most of those who knew him in the pioneer days were gathered to their reward long before him. Rather will he be remembered by a younger generation, who had the privilege of knowing him in his den, of borrowing his books and consulting his monumental card catalog, whom he inspired with his infectious enthusiasm, and who profited by his generosity with his duplicates. Those fortunate ones will remember him with real affection.

Dr. Fred and Dr. Charlotte died within a few months of each other. They are survived by a daughter, Miss Mollie C. Baker, dean of women at Fresno State College, a son, Captain Robert H. Baker, of Point Loma, and a grandson, Kenneth Baker, who have assisted in the preparation of this notice.

JOSHUA L. BAILY, JR.

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## THE EIGHTH ANNUAL MEETING OF THE AMERICAN MALACOLOGICAL UNION

Havana, Cuba, August 1 to 6, 1938

BY IMOGENE C. ROBERTSON

Forever memorable in the annals of the American Malacological Union will be its Eighth Annual Meeting, which was held in Havana, Cuba, during the first week of August, 1938. On this occasion the Cuban Government and Dr. Carlos de la Torre, Cuba's most beloved scientist, were hosts in all that the word implies.

Arrangements had been made for members to register with Mrs. Wallace B. Kirke at the Old Island Trading Post in Key West, Florida, on July 31; thus all were in readiness early on Monday, August 1, to board the Cuban Cruiser "Cuba" which had been sent by Colonel Gonzalez, Chief of the Cuban Navy, for the trip to Havana. Commander Casanova and Rodriguez Alonzo were in command of the "Cuba" and officers and crew were tireless in their ministrations to the comfort of their guests.

Dr. Abelardo Moreno, Ernesto Freyre and Carlos Alzugaray, representing Dr. de la Torre, and Rafael Miguel Zayas, for the Secretary of Education, constituted the welcoming committee as members boarded the boat, making them feel at home from the first moment.

Dr. de la Torre, President of the Union, greeted the fifty-seven visitors as they disembarked on arriving in Havana, where they were driven at once to the convention headquarters in the Royal Palm Hotel. A meeting of the Executive Council of the Union was held later in the evening when the program was arranged and reports of the Check-list Committee and the Committee on Nomenclature were read.

Regular sessions were opened on Tuesday morning in the Academy of Sciences of the University of Havana, Dr. de la Torre as host giving an address of welcome which was responded to by Dr. Paul Bartsch, past President. Knowing Dr. de la Torre intimately from long association in the field and in the laboratory, none could more feelingly express the gratitude and affection of every member present as he thanked our host for his unprecedented hospitality.

Papers read at this session were as follows: "The Cuban Operculate Land Shells of the Subfamily Chondropominae" by Dr. Carlos de la Torre and Dr. Paul Bartsch read by Dr. Bartsch; "The West Indian Operculate Land Shells of the Subfamily Chondropominae, exclusive of Cuba," by Dr. Paul Bartsch; "The Taxonomic Value of the Radula," by Dr. Joshua L. Baily, Jr.; "The Origin of the Bahama Land and Freshwater Mollusk Fauna," by William J. Clench; "Classification of the Polygyridae," by Dr. Henry A. Pilsbry.

At the conclusion of the morning program the visitors were

received by Dr. Fernando Sirgo, Secretary of Education, Dr. de la Torre presenting the guests. Dr. Bartsch spoke briefly in appreciation of the honor extended to the Union on this occasion and paid a tribute to the leaders in science which Cuba has produced. Dr. Sirgo, expressing the pleasure of the city in extending a welcome to the Union, wished them a successful continuance of their work for the glory of science.

The reading of papers was resumed in the afternoon, the first being on "A Collection of Freshwater Shells from Kamchatka," by Walter J. Eyerdam, read by Dr. Bartsch. Mrs. William P. Hume gave a short talk on "Shellcraft," describing what children in Charleston, South Carolina, have done with shells, using their ingenuity to form more or less artistic creations by combining various kinds. Examples of this work were shown at a later meeting. Two reels of film showing "Some New England Nudibranchs" photographed by Henry D. Russell were next shown. Mr. Clench read the explanatory notes which accompanied these moving pictures of some of the most colorful and interesting of mollusks. Another film, "Evolution of the Cuban Liver Fluke and its Intermediate Hosts" followed, the result of careful research by Dr. Perez Vigueras and Dr. Abelardo Moreno, showing the life history of this destructive parasite and the methods of its dispersion.

Other papers of the afternoon were "William Henry Doherty, an Almost Forgotten American Conchologist," by Dr. H. E. Wheeler, and "Physiology of Reproduction of *Ostrea virginica*" by Dr. Paul S. Galtsoff, the latter having an important bearing on the possibility of introducing a new industry in Cuba, that of oyster culture.

Papers presented on Wednesday were: "On the Probable Cause of Certain Variations in the Color of the Shell in the Genus *Liguus*" by Dr. Ricardo de la Torre; "The Genus *Semicassis* in the West Indies" by Dr. Harald A. Rehder; "On the Description of Mollusks" by Dr. Gulielmo Aguayo; "Why a Cuban Aquarium Should Excel All Others" by Fred Orsinger; "Malacology versus Conchology in the Family Amnicolidæ" by Dr. Elmer G. Berry; "The General Relations between the Naiades of the Cahaba and Tennessee Drainage" by Dr. Henry van der Schalie, read by Dr.

Berry in the absence of the author; "Structure of the Radula" by Dr. Henry A. Pilsbry; "The Distribution of Land Mollusks of Alabama from their Probable Center of Origin" by Dr. Allan F. Archer, read by Dr. Wheeler; "Anatomic Studies of the Genus *Polymita*" by Dr. Abelardo Moreno; "Description of a Mollusk Trap devised by Frank B. Lyman" by Mrs. M. P. Van Woert.

The paper by Dr. Aguayo concluded with the resolution, seconded by Dr. Ricardo de la Torre, that no description of a mollusk will be considered valid without figures as well as descriptive data and locality.

Mr. Orsinger's arguments for an Aquarium for Cuba were irrefutable. Every facility has been supplied by nature to make the maintenance of such an aquarium almost negligible when compared with the high cost of similar institutions in other countries.

At the close of the program of papers, officers were elected for 1938-39 as follows: Mr. Maxwell Smith, President; Dr. Horace B. Baker, Vice-president; Mr. Norman W. Lermond, Corresponding Secretary; Mrs. Harold R. Robertson, Financial Secretary. Councillors-at-large: Dr. Henry van der Schalie and Dr. Myra Keen. Honorary and Past Presidents; Mrs. Ida S. Oldroyd; Dr. Henry A. Pilsbry; Dr. Paul Bartsch; Mr. William J. Clench; Mr. Calvin Goodrich; Dr. Joshua L. Baily, Jr.; Dr. Carlos de la Torre.

To the Checklist Committee were added the names of Henry D. Russell, Harold Heath and Frank M. McFarland, filling the vacancies caused by the deaths of Prof. Junius Henderson and Dr. Fred Baker. Dr. Harald A. Rehder was added to the Committee on Nomenclature.

Dr. Pilsbry spoke feelingly of the passing of the two honored and beloved members of the Council, referring to the great work which both Prof. Henderson and Dr. Baker had done for the cause of malacology. Dr. Phil Spicer paid tribute to his close friend, Dr. Fred Baker, of whom Dr. Bartsch also spoke in terms of affection, asking for a moment of silence in memory of each of these great men.

The outstanding event of Thursday's program was a visit to the Instituto Civico Militar at Ceiba del Agua, where orphans of

laborers and soldiers who have died in the service of Cuba are trained in physical, educational and manual training pursuits.

Here the visitors were welcomed by Dr. Sosa who explained the ideals of the institution, after which the buildings were inspected. These include shops and school rooms of the most modern type, and the Museo Carlos de la Torre, where were viewed some of the most beautiful of the Torre collection of Polymitas and Liguus. A review of the nearly 600 children in physical exercises was a thrilling sight, especially when it was realized that the school has been in operation for less than six months. A luncheon in the spacious and well-appointed dining hall of the Institute concluded the visit. At the close of the repast Dr. Wheeler gave a few well-chosen words of appreciation for the splendid work which is being done here under the inspiration of Colonel Fulgencio Batista, Chief of the Army, who plans to place a similar institution in each of the other provinces of the Republic.

The afternoon was devoted to a trip by bus to some of the noted collecting grounds of Western Cuba. A start was made for Viñales but because of transportation difficulties it became necessary to terminate the trip at Candelaria. Returning to the hills near Artemisia many interesting forms peculiar to Cuba were gathered by the enthusiastic collectors.

On Friday afternoon, members visited the University of Havana where they were received by the Vice Rector and Acting President, Dr. R. Mendes Penate. In welcoming them to the University, Dr. Penate assured his hearers of the great respect and admiration which Cuba feels for the scientists of the United States. A tour of the buildings followed, not the least interesting to the group being the room in Museo Poey where Dr. de la Torre carries on his researches surrounded by his corps of devoted assistants.

A banquet given by the management of the Royal Palm Hotel concluded the formal entertainment of this never-to-be-forgotten sojourn in Havana.

A touching mark of affection by our host and retiring President was the presentation to each visitor of an autographed photograph of himself. This photograph, so true to life, is beautifully described in the following lines written by William P. Hume and

dedicated to Dr. de la Torre by Mrs. Hume, who presented them on this occasion :

Laugh Lines

I love the little laugh lines in your face;  
The tiny twisted etchings near your eyes:  
Dear ghosts of all the happy thoughts and smiles  
You gave to others with your laughing grace.  
I love the way that time has deftly sketched  
So many kindly deeds of hand and heart;  
And gently, with a cunning tool has etched  
A lovely pattern with a master's art.  
I love the little laugh lines in your face,  
The lovely pattern of your hand and heart.

A testimonial of gratitude inscribed with the name of every guest was then presented to Dr. de la Torre:

“To Don Carlos:

We are grateful to the Sea  
For it gave us the Pearl of the Antilles,  
We are grateful to Cuba  
For its gift of Don Carlos  
Whose teachings have made known  
The life of land and sea,  
But above all  
What friendships should be!”

The following Resolutions were passed:

At the conclusion of this Eighth Annual Convention in Havana, Cuba, the members of the American Malacological Union wish gratefully to express their appreciation of the magnificent hospitality which has been extended to them throughout their stay by the Government and scientific bodies of Cuba.

Nothing has been left undone which could contribute to the pleasure and success of this convention, making it notable in the history of our organization.

Our thanks are especially due to the Honorable Laredo Bru, President of the Republic; to Colonel Gonzalez, Chief of the Navy; to Colonel Batista, Chief of the Army; to Dr. Fernando Sirgo, Secretary of Education; to Dr. R. Mendes Penate, Vice Rector of the University of Havana; to Commander Casanova and Commander Rodriguez Alonzo, of the



Cruiser *Cuba*; to Mr. Moran, Manager of the Royal Palm Hotel; to the press of Havana; and last but not least, to our beloved President, Dr. Carlos de la Torre, and his able aide, Dr. Abelardo Moreno, who have been tireless in securing the comfort and happiness of their guests.

May we also venture to express the hope that the governing authorities of Cuba may realize the value to science and education of an Aquarium and Marine Biological Laboratory which can utilize the unique opportunities available in the environs of Havana.

Saturday, August 6, saw final farewells to our Cuban hosts and the return of the delegates to Key West, the same thoughtful officers and crew in attendance on the "Cuba."

Dr. Abelardo Moreno, Dr. Ricardo de la Torre and Mr. Emerito Vigil accompanied their guests to Key West, where all dispersed to return to the far corners of the country from whence they had gathered for this Eighth Annual Meeting, each carrying back memories of a stimulating six days and a hospitality unsurpassed.

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## NOTES AND NEWS

CHIEF JUSTICE F. R. LATCHFORD, "the grand old man of Canadian Conchology," died at his home in Toronto, August thirteenth. A notice of his life and work will follow.

HYDATINA PHYSIS (L) IN LAKE WORTH, FLORIDA.—Supplementing notes in THE NAUTILUS, Vol. 52, No. 1, we desire to report that in April, 1938, living specimens were again found. These seemed to be staying within a small area, not migrating, and were mostly female and depositing their egg masses in mud and grass-covered sandy bottom. Early in May some few were taken. Finally in late May those taken were very close to the deepest parts of South Lake Worth, indicating that they probably came out of the deep water in the Spring mating season and returned when the eggs were deposited.—FRANK B. LYMAN, Lantana, Fla.